



SDMS DocID

2230291

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POLREP 23  
12<sup>th</sup> Street Dump Site  
(aka 12<sup>th</sup> Street Landfill Site)  
Near 12<sup>th</sup> Street ramp to I-495  
Wilmington, DE 19802

ATTN: RRC

cc: A. Breslin  
P. Welsh  
Wilmington Council  
G. Giles

I. SITUATION (as of 10 November 2000)  
Event: CERCLA Removal Action

- A. Erosion and sedimentation control facilities continue to function properly. Siltation fencing has held, all drainage enters the sedimentation pond, and pond water remains clear. No erosion from the site has been observed. Stockpiled soil now onsite is secured by compaction of surface.
- B. During investigations at the site, pieces of hose have been found with labels indicating that these hoses originated from the Electric Rubber and Hose facility adjacent to the dump. These hoses were photodocumented, but the photos were blurred and unreadable upon development. In support of enforcement actions at the site, OSC Towle again instructed ERRS to excavate in areas known to contain additional pieces of hose at the site. However, despite finding large amounts of hose, no pieces could again be located containing that label information.

C. Estimated Project Costs (as of 10 November 2000):

ORGANIZATION	COSTS TO DATE	CEILING
ERRS (Guardian)	\$ 1,123,313	\$2,070,000
START (Weston/TtEMI)	\$ 42,608	\$ 120,000
EPA	\$ 71,534	\$ 240,000
Unallocated	-----	103,000
TOTAL	\$ 1,237,455	\$2,533,000

- D. In continuing the investigation of oil noted at the north end of the site, ERRS excavated a test trench adjacent to the south end of the sea wall (down to the support timbers). A "fuel type" odor was noted, possibly attributable to creosote treated support timbers. In addition, an oil sheen has been noted emanating from sediments in Brandywine Creek outside of the sheet pile

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installed at the site. The area at the junction of the sea wall and sheet pile appears to be a low flow collection area for sediment and other material in Brandywine Creek, and may have accumulated materials related to historical spills and releases to both Brandywine Creek and Shellpot Creek ( an upstream tributary). Further investigation of the extent of oil contamination and a source will be conducted under separate authorities as "Brandywine Creek Mystery Oil (FPN# P01004)".

## II. ACTIONS

- A. ERRS continued spreading, grading, and compacting backfill along the bank of Brandywine Creek in accordance with the site capping plan in preparation for the installation of articulating concrete block (ACB) panels.
- B. ERRS began installing the ACB panels along the bank of Brandywine Creek to provide soil stabilization during tidal fluctuations. Personnel are installing ACB panels beginning near the north end of the site and working toward the south. Panels are anchored into place using a toe-in trench near the top of the slope (covered with backfill), and a toe-in trench at the bottom of the slope (covered with rip-rap stone).
- C. ERRS excavated additional test trenches at the north end of the site in order to characterize soil in the area, and to search for hoses containing an "Electric Hose and Pipe" label. No labelled hoses were found. START collected 4 soil samples which were packaged and shipped for laboratory analysis.
- D. ERRS began spreading, grading, and compacting recycled concrete at the north end of the site (former ARS storage area) in accordance with the site capping plan.

## III. FUTURE ACTIONS

- A. ERRS to continue distributing and grading backfill material in accordance with the site capping plan; ERRS also to continue installing ACBs along bank of Brandywine Creek.
- B. Disposal of waste debris stockpiled onsite after proper sampling and waste classification.
- C. Preparation of site for winter season; develop a plan for temporary and final vegetation of the site including consultation with state and federal trustees.
- D. Investigation of the source of oily material discharging from the northern end of site to continue under separate authority. The oil does not appear to be related to the materials dumped throughout the majority of the site.

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E. EE/CA to be prepared for site.

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Michael Towle, OSC  
EPA Region III  
Philadelphia, PA